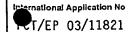
INTERNATIONAL SEARCH REPORT





A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01L9/06

According to International Patent Classification (IPC) or to both national classification and IPC

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC & 7 & B01L \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category •	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 382 409 A (BAXTER JAMES A) 17 January 1995 (1995-01-17) celumn 1, line 1 - column 3, line 35; claims; figures 1-3	1-6
Υ	US 3 916 157 A (ROULETTE ROBERT E ET AL) 28 October 1975 (1975-10-28) column 2, line 49 - column 3, line 35	1-6
Α	US 5 894 733 A (BRODNER JOHN R) 20 April 1999 (1999-04-20) abstract; figures	1-6
Α	US 5 750 075 A (SPIKE FREDERICK W) 12 May 1998 (1998-05-12) the whole document	1-6
	-/	

·	
Further documents are listed in the continuation of box C.	Palent family members are listed in annex.
Special categories of clied documents: A document defining the general state of the art which is not considered to be of particular relevance. E earlier document but published on or after the international filing date. L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified). O document referring to an oral disclosure, use, exhibition or other means. P document published prior to the international filing date but later than the priority date claimed.	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
23 June 2004	01/07/2004
Name and mailing address of the ISA European Patent Office, P.B. 5018 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 440-3016	Authorized officer Smith-Hewitt, L

Form PCT/ISA/210 (second sheet) (January 2004)

1

INTERNATIONAL SEARCH REPORT

ERNATIONAL SEARCH REPORT

International Application No

T/EP 03/11821

Calegory °	citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 094 641 A (FRISWELL DAVID R) 13 June 1978 (1978-06-13) the whole document	1-6
		_
	-	
	•	

1

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

T/EP 03/11821

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5382409	A	17-01-1995	US DE DE DE EP	5536476 A 69107298 D1 69107298 T2 508015 T1 0508015 A2	16-07-1996 23-03-1995 08-06-1995 25-11-1993 14-10-1992
US 3916157	A	28-10-1975	NONE		
US 5894733	Α	20-04-1999	NONE		
US 5750075	Α	12-05-1998	NONE		
US 4094641	A	13-06-1978	CA DE FR GB JP JP JP	1117907 A1 2807262 A1 2382003 A1 1581713 A 1064339 C 54036791 A 56005585 B	09-02-1982 31-08-1978 22-09-1978 17-12-1980 22-09-1981 17-03-1979 05-02-1981